

## **ABSTRACT**

An aligned clock forwarding scheme of an electronic system includes a first circuit path generating an aligned clock output signal to a subsystem and a second circuit path generating an aligned data signal to the subsystem. An external clock input serves as the source of the clock signal for the aligned clock forwarding scheme. A multiplication circuit receives the external clock input and sends multiplied clock signals to control the first and second circuit paths. The two circuit paths have the same physical characteristics so that both clock output and data signals experience the same environmental effect. There is no additional skew incurred between the clock and data signals during the data transfer between the two subsystems.